

09/511,243

EAST Search History *4*

Re f #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	31	359/630.ccls. and @pd>="20070701"	US-PGP UB; USPAT	OR	ON	2007/12/25 08:14
L2	5	359/631.ccls. and @pd>="20070701"	US-PGP UB; USPAT	OR	ON	2007/12/25 08:07
L3	7	359/633.ccls. and @pd>="20070701"	US-PGP UB; USPAT	OR	ON	2007/12/25 08:39
L4	7	359/637.ccls. and @pd>="20070701"	US-PGP UB; USPAT	OR	ON	2007/12/25 08:07
L5	44	1 or 2 or 3 or 4	US-PGP UB; USPAT	OR	ON	2007/12/25 08:22
L6	4164	rotation\$4 near5 (asymmetry or asymmetric\$4)	US-PGP UB; USPAT	OR	ON	2007/12/25 08:55
L7	5	5 and 6	US-PGP UB; USPAT	OR	ON	2007/12/25 08:08
L8	5360	decenter\$3 or de-center\$3	US-PGP UB; USPAT	OR	ON	2007/12/25 08:09
L9	3	7 and 8	US-PGP UB; USPAT	OR	ON	2007/12/25 08:09
L1 0	42699	off adj center\$3	US-PGP UB; USPAT	OR	ON	2007/12/25 08:09

## EAST Search History

L1 1	0	"not" adj center\$3	US-PGP UB; USPAT	OR	ON	2007/12/25 08:10
L1 2	0	"not centered"	US-PGP UB; USPAT	OR	ON	2007/12/25 08:10
L1 3	0	7 and 10	US-PGP UB; USPAT	OR	ON	2007/12/25 08:11
L1 4	484	rotation\$4 near5 (nonsymmetry or non-symmetry or nonsymmetric\$4 or non-symmetric\$4)	US-PGP UB; USPAT	OR	ON	2007/12/25 08:56
L1 5	0	5 and 14	US-PGP UB; USPAT	OR	ON	2007/12/25 08:12
L1 6	971	(decenter\$3 or de-center\$3) with aberration\$1	US-PGP UB; USPAT	OR	ON	2007/12/25 09:03
L1 7	58	(off adj center\$3) with aberration\$1	US-PGP UB; USPAT	OR	ON	2007/12/25 09:03
L1 8	1026	16 or 17	US-PGP UB; USPAT	OR	ON	2007/12/25 08:13
L1 9	4	5 and 18	US-PGP UB; USPAT	OR	ON	2007/12/25 08:13
L2 0	506	359/630.ccls. and @pd>="20020201"	US-PGP UB; USPAT	OR	ON	2007/12/25 08:14

## EAST Search History

L2 1	197	359/631.ccls. and @pd>="20020201"	US-PGP UB; USPAT	OR	ON	2007/12/25 08:14
L2 2	135	359/633.ccls. and @pd>="20020201"	US-PGP UB; USPAT	OR	ON	2007/12/25 08:14
L2 3	100	359/637.ccls. and @pd>="20020201"	US-PGP UB; USPAT	OR	ON	2007/12/25 08:14
L2 4	717	20 or 21 or 22 or 23	US-PGP UB; USPAT	OR	ON	2007/12/25 08:15
L2 5	113	6 and 24	US-PGP UB; USPAT	OR	ON	2007/12/25 08:18
L2 6	90	8 and 25	US-PGP UB; USPAT	OR	ON	2007/12/25 08:17
L2 7	2	10 and 25	US-PGP UB; USPAT	OR	ON	2007/12/25 08:17
L2 8	2	14 and 24	US-PGP UB; USPAT	OR	ON	2007/12/25 08:19
L2 9	79	18 and 24	US-PGP UB; USPAT	OR	ON	2007/12/25 08:19
L3 0	673	24 not 5	US-PGP UB; USPAT	OR	ON	2007/12/25 08:22
L3 1	28	359/726.ccls. and @pd>="20070701"	US-PGP UB; USPAT	OR	ON	2007/12/25 08:39

## EAST Search History

L3 2	11	359/727.ccls. and @pd>="20070701"	US-PGP UB; USPAT	OR	ON	2007/12/25 08:39
L3 3	6	359/728.ccls. and @pd>="20070701"	US-PGP UB; USPAT	OR	ON	2007/12/25 08:39
L3 4	1	359/729.ccls. and @pd>="20070701"	US-PGP UB; USPAT	OR	ON	2007/12/25 08:39
L3 5	5	359/730.ccls. and @pd>="20070701"	US-PGP UB; USPAT	OR	ON	2007/12/25 08:39
L3 6	1	359/731.ccls. and @pd>="20070701"	US-PGP UB; USPAT	OR	ON	2007/12/25 08:39
L3 7	2	359/732.ccls. and @pd>="20070701"	US-PGP UB; USPAT	OR	ON	2007/12/25 08:39
L3 8	39	31 or 32 or 33 or 34 or 35 or 36 or 37	US-PGP UB; USPAT	OR	ON	2007/12/25 08:40
L3 9	0	6 and 38	US-PGP UB; USPAT	OR	ON	2007/12/25 08:40
L4 0	0	14 and 38	US-PGP UB; USPAT	OR	ON	2007/12/25 08:40
L4 1	5	8 and 38	US-PGP UB; USPAT	OR	ON	2007/12/25 08:41
L4 2	2	10 and 38	US-PGP UB; USPAT	OR	ON	2007/12/25 08:41

## EAST Search History

L4 3	2	18 and 38	US-PGP UB; USPAT	OR	ON	2007/12/25 08:41
L4 4	1706	(359/726-732).CCLS.	US-PGP UB; USPAT	OR	OFF	2007/12/25 08:42
L4 5	118	6 and 44	US-PGP UB; USPAT	OR	ON	2007/12/25 08:53
L4 6	47719	8 or 10	US-PGP UB; USPAT	OR	ON	2007/12/25 08:42
L4 7	94	45 and 46	US-PGP UB; USPAT	OR	ON	2007/12/25 08:51
L4 8	56	45 and 18	US-PGP UB; USPAT	OR	ON	2007/12/25 08:51
L4 9	6	14 and 44	US-PGP UB; USPAT	OR	ON	2007/12/25 08:53
L5 0	1106	((rotation\$4) near5 (asymmetry or asymmetric\$4)) with surface\$1	US-PGP UB; USPAT	OR	ON	2007/12/25 09:05
L5 1	109	((rotation\$4) near5 (nonsymmetry or non-symmetry or nonsymmetric\$4 or non-symmetric\$4)) with surface\$1	US-PGP UB; USPAT	OR	ON	2007/12/25 09:01
L5 2	1190	50 or 51	US-PGP UB; USPAT	OR	ON	2007/12/25 08:56

## EAST Search History

L5 3	971	(decenter\$3 or de-center\$3) with aberration\$1	US-PGP UB; USPAT	OR	ON	2007/12/25 09:02
L5 4	58	(off adj center\$3) with aberration\$1	US-PGP UB; USPAT	OR	ON	2007/12/25 09:02
L5 5	1026	53 or 54	US-PGP UB; USPAT	OR	ON	2007/12/25 08:57
L5 6	307	52 and 55	US-PGP UB; USPAT	OR	ON	2007/12/25 08:58
L5 7	14713 72	reflect\$4 or mirror\$3 or deflect\$3	US-PGP UB; USPAT	OR	ON	2007/12/25 09:02
L5 8	297	56 and 57	US-PGP UB; USPAT	OR	ON	2007/12/25 08:59
L5 9	10	56 not 58	US-PGP UB; USPAT	OR	ON	2007/12/25 08:59
L6 0	294	((rotation\$4) near5 (asymmetry or asymmetric\$4)) with surface\$1	EPO; JPO; DERWE NT	OR	ON	2007/12/25 08:59
L6 1	11	((rotation\$4) near5 (nonsymmetry or non-symmetry or nonsymmetric\$4 or non-symmetric\$4)) with surface\$1	EPO; JPO; DERWE NT	OR	ON	2007/12/25 09:01

## EAST Search History

L6 2	305	60 or 61	EPO; JPO; DERWE NT	OR	ON	2007/12/25 09:04
L6 3	67	(decenter\$3 or de-center\$3) with aberration\$1	EPO; JPO; DERWE NT	OR	ON	2007/12/25 09:02
L6 4	4	(off adj center\$3) with aberration\$1	EPO; JPO; DERWE NT	OR	ON	2007/12/25 09:02
L6 5	71	63 or 64	EPO; JPO; DERWE NT	OR	ON	2007/12/25 09:02
L6 6	6	62 and 65	EPO; JPO; DERWE NT	OR	ON	2007/12/25 09:02
L6 7	94785 5	reflect\$4 or mirror\$3 or deflect\$3	EPO; JPO; DERWE NT	OR	ON	2007/12/25 09:02
L6 8	6	66 and 67	EPO; JPO; DERWE NT	OR	ON	2007/12/25 09:02
L6 9	1991	(decenter\$3 or de-center\$3)	EPO; JPO; DERWE NT	OR	ON	2007/12/25 09:03

## EAST Search History

L7 0	2996	(off adj center\$3)	EPO; JPO; DERWE NT	OR	ON	2007/12/25 09:04
L7 1	4981	69 or 70	EPO; JPO; DERWE NT	OR	ON	2007/12/25 09:04
L7 2	15	62 and 71	EPO; JPO; DERWE NT	OR	ON	2007/12/25 09:04
L7 3	1	((rotation\$4) near5 (asymmetry or asymmetric\$4)) with surface\$1 with aberration\$1 with ((decenter\$3) or (de-center\$3) or (off adj center\$3)) with (reflect\$4 or mirror\$3 or deflect\$3) with integral\$4.clm.	US-PGP UB; USPAT	OR	ON	2007/12/25 09:10
L7 4	0	((rotation\$4) near5 (nonsymmetry or non-symmetric\$4)) with surface\$1 with aberration\$1 with ((decenter\$3) or (de-center\$3) or (off adj center\$3)) with (reflect\$4 or mirror\$3 or deflect\$3) with integral\$4.clm.	US-PGP UB; USPAT	OR	ON	2007/12/25 09:10



## EAST Search History

L7 5	4	((rotation\$4) near5 (asymmetry or asymmetric\$4)) with surface\$1 with aberration\$1 with ((decenter\$3) or (de-center\$3) or (off adj center\$3)) with (reflect\$4 or mirror\$3 or deflect\$3) with (positive or converging or convergent).clm.	US-PGP UB; USPAT	OR	ON	2007/12/25 09:11
L7 6	0	((rotation\$4) near5 (nonsymmetry or non-symmetric\$4)) with surface\$1 with aberration\$1 with ((decenter\$3) or (de-center\$3) or (off adj center\$3)) with (reflect\$4 or mirror\$3 or deflect\$3) with (positive or converging or convergent).clm.	US-PGP UB; USPAT	OR	ON	2007/12/25 09:11